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What is claimed is:

1. A Newton ring prevention film comprising a transparent film in which projections are formed by surface roughening, a transparent film in which projections are formed by providing a projection coating layer, or either of these transparent films wherein a transparent electroconducting layer is further provided on the surface in which the projections are formed, wherein the average surface roughness (RA)/inter-projection distance (SM) of the surface comprising the projection is 0.8×10^{-3} - 2.0×10^{-3}, and the inter-projection distance (SM) is 150 μm or less.

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2. The Newton ring prevention film as defined in Claim 1, comprising a transparent film in which projections are formed by providing a projection coating layer, or a transparent film wherein a transparent electroconducting layer is further provided on the surface on which the projections are formed, wherein the projection coating layer is a coating film wherein silica is dispersed in a resin.

3. The Newton ring prevention film as defined in Claim 2, wherein the average aggregate particle size of said silica is 1.0-3.0 μm, and its standard deviation is 1.0 or less.

4. A touch panel using a transparent film covered by a transparent electroconducting layer

as an upper electrode substrate and a transparent film or glass covered by a transparent electroconducting layer as a lower electrode substrate, said upper electrode substrate and said lower electrode substrate being set at a predetermined interval apart with the transparent electrode layers facing each other, wherein the centerline average surface roughness (RA)/inter-projection distance (SM) of the transparent electrode layer surface of at least one of said upper electrode substrate and said lower electrode substrate surface is $0.8x10^{-3}$ - $2.0x10^{-3}$, and the inter-projection distance (SM) is 150 μm or less.

5. The touch panel as defined in Claim 4, said at least one of the transparent films used for the upper electrode substrate and/or lower electrode substrate comprises and Newton ring prevention film comprising a transparent film in which projections are formed by surface roughening, a transparent film in which projections are formed by providing a projection coating layer, or either of these transparent films wherein a transparent electroconducting layer is further provided on the surface in which the projections are formed, wherein the average surface roughness (RA)/inter-projection distance (SM) of the surface comprising the projection is $0.8x10^{-3}$ - $2.0x10^{-3}$, and the inter-projection distance (SM) is 150 μm or less.

6. The touch panel as defined in Claim 5, wherein the Newton ring prevention film further comprises a transparent film in which projections are formed by providing a projection coating layer, or a transparent film wherein a transparent electroconducting layer is further provided on

the surface on which the projections are formed, wherein the projection coating layer is a coating film wherein silica is dispersed in a resin.

7. The touch panel as defined in Claim 6, wherein the silica has an average aggregate particle size is 1.0-3.0μm and a standard deviation of 1.0 or less.